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## Krix-1 Variable heavy chain (SEQ ID NO: 1 and 2)

1/1 31/11  
 ATG GAC TGG ACC TGG AGG ATC CTC TTC TTG GTG GCA GCA GCC ACA GGA GCC CAC TCC CAG  
 M D W T W R I L F L V A A A T G A H S Q  
 <----- Leader peptide ----->

61/21 91/31  
 GTG CAA CTG GTG CAA TCT GGG GCT GAG GTG AAG AAG CCT GGG GCC TCA GTG AAG GTC TCC  
 V Q L V Q S G A E V K K P G A S V K V S

121/41 47 49 151/51  
 TGC AAG ACC TCT GGA TAC AAC TTC ACC GGC TAC TCT GCT TCT GGA CAT ATC TTC ACC GCC  
 C K T S G Y N F T G Y S A S G H I F T A  
 \* \*

<----- CDR1 ----->

181/61 211/71 SEQ ID NO: 33  
 TAC TCT GTG CAC TGG GTG CGA CAG GCC CCT GGA CAA GGG CTT GAG TGG ATG GGA AGG ATC  
 Y S V H W V R Q A P G Q G L E W M G R I  
 <----->

241/81 271/91  
 AAC CCT AAC AGT GGT GCC ACA GAC TAT GCA CAT AAA TTT CAG GGC AGG GTC ACC ATG TCC  
 N P N S G A T D Y A H K F Q G R V T M S  
 <----- CDR2 ----->

301/101 SEQ ID NO: 34 331/111  
 AGG GAC ACG TCC ATC AGC ACA GCC TAC ATG GAA CTG AGC AGG CTG ACA TCT GAC GAC ACG  
 R D T S I S T A Y M E L S R L T S D D T

361/121 391/131  
 GCC ATG TAT TAC TGT GCG AGA GCC GAC AAC TAT TTC GAT ATT GTG ACT GGC TAT ACT TCT  
 A M Y Y C A R A D N Y F D I V T G Y T S  
 <----- CDR3 ----->

421/141 451/151 SEQ ID NO: 35  
 CAT TAC TTT GAC TAC TGG GGC CGG GGA ACC CTG GTC ACC GTC TCC TCA GCC TCC ACC AAG  
 H Y F D Y W G R G T L V T V S S A S T K  
 <----->

481/161  
 GGC CCA TCG GTC TTC C  
 G P S V F

Figure 17

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## Krix-1 Variable light chain (SEQ ID NO: 3 and 4)

1/1 31/11  
 ATG GAA ACC CCA GCT CAG CTT CTC TTC CTC CTG CTA CTC TGG CTC CCA GAT ACC ACC GGA  
 M E T P A Q L L F L L L L W L P D T T G  
 <----- Leader ----->

61/21 91/31  
 GAA ATT GTG TTG ACG CAG TCT CCA GGC ACC CTG TCT TTG TCT CCA GGG GAA AGA GCC ACC  
 E I V L T Q S P G T L S L S P G E R A T

121/41 151/51  
 CTC TCC TGC AGG GCC AGT CAG AGT GTT GCC AGC GCC TAC TTA GCC TGG TAC CAG CAA AAA  
 L S C R A S Q S V A S A Y L A W Y Q Q K  
 <----- CDR1 ----->

181/61 SEQ ID NO: 36 211/71  
 CCT GGC CAG GCT CCC AGG CTC CTC ATC TAT GGT GCA TCC AGT AGG GCC ACC GAC ATC CCA  
 P G Q A P R L L I Y G A S S R A T D I P  
 <----- CDR2 ----->

241/81 SEQ ID NO: 37 271/91  
 CAC AGG TTC AGT GGC AGT GGG TCT GGG ACA GAC TTC ACT CTC ACC ATC AGC AGA CTG GAG  
 H R F S G S G S G T D F T L T I S R L E

301/101 331/111  
 CCT GAA GAT TTT GCA GTG TAC TAC TGT CAG CAA TAT GGT ACC TCA GCC TTA CTC ACT TTC  
 P E D F A V Y Y C Q Q Y G T S A L L T F  
 <----- CDR3 ----->

361/121 SEQ ID NO: 38 391/131  
 GGC GGA GGG ACC AAG GTG GAG ATC AAA CGA ACT GTG GCT GCA CCA TCT GTC TTC ATC TTC  
 G G G T K V E I K R T V A A P S V F I F

421/141  
 CCG CCA TCT  
 P P S

Figure 17 (continued)